

Summary of Virginia TB Statistics for 2002

Total Number of Confirmed, Active TB Disease Cases in 2002

315 cases, a 2.9% increase from 2001 (306)

Mortality

14 (4.4% of 315 cases)

Geographic Distribution by Region

Central Region

45 cases (14.3%), a 11.1% decrease from 2001

Eastern Region

53 cases (16.8%), a 5.7% increase from 2001

Northern Region

177 (56.2%) TB cases, a 1.7% increase from 2001

87% of the 177 cases were foreign-born; and, a majority (61.6%) of them have lived in the US for less than 5 years

15 primary languages (other than English) spoken, and 38 different nationalities represented

82% of the total foreign-born TB cases (189) in Virginia were in this region

Northwest Region

15 cases (4.8%), a 20% increase from 2001

Southwest Region

25 cases (7.9%), a 20% increase from 2001

Country of Origin

189 (60%) persons were born outside the US, a decrease of 2.1% from 2001 (193 cases)

42 countries of origin, and 17 primary languages spoken

Of the 189 cases, 111 (58.7%) have lived in the US less than 5 years

Prior to 2000, less than 50% of the cases in Virginia were born outside the US

Age Distribution

Age Range	TB statistic
0-14 years	16 cases (5.1%)
15-24 years	36 cases (11.4%)
25-44 years	114 cases (36.2%)
45-64 years	83 cases (26.3%)
65 and older	66 cases (21.0%)

166 (52.7%) cases of TB were in persons below the age of 45, a decrease of 6.0% from 2001

114 (36.2%) cases of TB were in persons 25-44 years, an economically productgive group

A rise in cases of TB in persons 65 years of age or older, 21.3% in 2002

TB/AIDS (TB/HIV Co-Infection)

181 persons with TB tested for HIV in 2002

13 cases of TB/HIV co-infection, a decrease of 55% from 2001

7 (53.8%) of the 13 cases were persons born outside the US and in 7 different countries

2002 statistic lowest since 1997, when there were 14 TB/AIDS cases

TB in persons who are positive for the HIV infection is an AIDS-defining illness, and necessitates expert, appropriate and accurate management of TB in said persons.

Drug Resistance

General Drug Resistance

262 (83.2%) TB cases had a drug susceptibility test performed

32 (12.2%) cases had resistance to at least one drug

22 (68.8%) of the 32 cases had single drug resistance

Over 62% of the 32 cases had INH resistance

26 (81.3%) were foreign-born

Cases ranged in ages from 6-92 years, with the mean of 40

Multi-Drug Resistance (MDR)

4 cases of MDR-TB in 2002, a 60% decrease from 2001 when there were 10 cases

3 cases were foreign-born and had lived in the US for less than 5 years

Cases ranged in ages from 16-43 years, with the mean of 30 - younger than the group that had general drug resistance